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13. Pharmaceutical composition intended to adhere to a mucous membrane in particular for the prevention and treatment of radiomucositis, and of chemomucositis induced by radiotherapy and combined radiochemotherapy, comprising an effective quantity of a compound chosen from flavonoids and isoflavonoids in the form of a mixture with a vehicle which is liquid at room temperature and which gels at the temperature of the mucous membrane and which is capable of adhering to the mucous membrane because of its gelled state.

14. Composition according to Claim 13 whose vehicle is an aqueous vehicle and comprises a mixture of 0.05 to 5% (preferably 0.1 to 3%) by weight of an agent conferring viscosity and of 1 to 20% (preferably 5 to 20%) by weight of an agent modifying the viscosity according to the temperature.

15. Composition according to Claim 14, in which the agent modifying the viscosity according to the temperature is chosen from poloxamers, poloxamines, and divinylbenzenesorbitol compounds.

16. Composition according to Claim 13, in which the flavonoid is chosen from rutosides, diosmin, quercitrin, tangeretin and hesperidin.

17. Composition according to Claim 13, in which the isoflavonoid is genistein, daidzin or glycitin.

18. Composition according to Claim 16, in which the rutoside is rutin.

19. Composition in solid form and forming a composition according to Claim 13 by mixing with water.

1 20. Method for the prevention and for the treatment of radiomucositis and of chemomucositis comprising the administration on the mucous membrane of an effective amount of a compound chosen from flavonoids and isoflavonoids in the form of a mixture with a vehicle which is liquid at room temperature and which gels at the temperature of the mucous membrane and which is capable of adhering to this mucous membrane because of its gelled consistency.